

C l a i m s :

1. A composition, characterized in that it comprises at least one isolated, health-promoting antioxidant A having a redox potential of below -180mV and at least one isolated antioxidant B stabilizing said antioxidant A and having a standard redox potential ranging below the standard redox potential of said antioxidant A.
2. A composition according to claim 1, characterized in that said antioxidant A is selected from the group consisting of NADH, NADPH, reduced alpha-liponic acid, reduced glutathione, FADH₂, FMNH₂, FADH and FMNH.
3. A composition according to claim 1 or 2, characterized in that said antioxidant B is a chlorophyll and/or a reduced ferredoxin.
4. A composition according to any one of claims 1 to 3, characterized in that it further comprises an oxygen-sequestering substance.
5. A composition according to claim 4, characterized in that said oxygen-sequestering substance is an oil-containing substance.
6. A composition according to claim 5, characterized in that said oxygen-sequestering substance is an oil-containing substance comprising at least one further antioxidant C.
7. A composition according to claim 6, characterized in that said oxygen-sequestering substance comprises vitamin E and, in particular, tocotrienol as said antioxidant C.
8. A composition according to any one of claims 1 to 7, characterized in that said antioxidant A and said antioxidant B are provided at a ratio of between 10:1 and 1:10, preferably 3:1 and 1:3.
9. A composition according to any one of claims 1 to 8, characterized in that it further comprises one or several auxiliary agent(s).
10. The use of a composition according to any one of claims 1 to 9 as a nutritional supplement.
11. The use of a composition according to any one of claims 1 to 9 as a drug.
12. The use of a composition according to any one of claims 1 to 9 for preparing an agent selected from the group consisting of

an agent promoting oxidative phosphorylation, an agent promoting cognitive, intellectual and motoric abilities, an agent promoting the synthesis and detoxication functions of the liver, an agent for treating fatigue, lethargy, libido and potency disorders, depressions, weaknesses of learning and concentration.

13. A composition according to any one of claims 1 to 9, characterized in that it is provided in the form of tablets, a liquid, capsules, coated tablets, a syrup, a lotion, a cream or a powder.

14. A method for preparing a composition according to any one of claims 1 to 9, characterized in that said antioxidant A, said antioxidant B as well as, optionally, an oxygen-sequestering substance are mixed with one another, and the composition is optionally processed into tablets, a liquid, capsules, coated tablets, a syrup, a lotion, a cream or a powder.

15. A method according to claim 14, characterized in that said antioxidant A, said antioxidant B and optionally said oxygen-sequestering substance are mixed under inert gas.

16. A method according to claim 14 or 15, characterized in that the composition is processed under inert gas.

Replacement Page

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1. A composition, characterized in that it comprises at least one isolated, health-promoting antioxidant A having a redox potential of below -180mV and selected from the group consisting of NADH, NADPH, FADH₂, FMNH₂, FADH and FMNH, and at least one isolated antioxidant B stabilizing said antioxidant A and having a standard redox potential ranging below the standard redox potential of said antioxidant A, wherein said antioxidant B being a chlorophyll and/or a reduced ferredoxin.
2. A composition according to claim 1, characterized in that it further comprises an oxygen-sequestering substance.
3. A composition according to claim 2, characterized in that said oxygen-sequestering substance is an oil-containing substance.
4. A composition according to claim 3, characterized in that said oxygen-sequestering substance is an oil-containing substance comprising at least one further antioxidant C.
5. A composition according to claim 4, characterized in that said oxygen-sequestering substance comprises vitamin E as said antioxidant C.
6. A composition according to claim 5, characterized in that said vitamin E antioxidant C comprises tocotrienol.
7. A composition according to any one of claims 1 to 6, characterized in that said antioxidant A and said antioxidant B are provided at a ratio of between 10:1 and 1:10.
8. A composition according to any one of claims 1 to 7, characterized in that said antioxidant A and said antioxidant B are provided at a ratio of between 3:1 and 1:3.